

ABSTRACT OF THE DISCLOSURE

A surface acoustic wave device includes an input interdigital transducer and an output interdigital transducer, disposed on a surface acoustic wave propagation path of a piezoelectric substrate, wherein when an aperture length of an electrode finger of the input or output interdigital transducer is denoted by  $X$ , the output or input interdigital transducer has two divided interdigital transducers having the electrode finger in which each aperture length is denoted by substantially  $X/2$ , wherein the two divided interdigital transducers are serial-connected, and the electrodes of the respective electrode fingers are led from the two divided interdigital transducers, and are disposed so that two output and input signals connected to a balance terminal pair have a different phase at  $180^\circ$ .

10082054.022602